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L7: Entry 2 of 2 File: USPT Sep 11, 2001

DOCUMENT-IDENTIFIER: US 6287762 B1
TITLE: Purification of a triple helix formation with an immobilized oligonucleotide

DEPL:
The amplified DNA fragment 124 base pairs in length is separated by electrophoresis on 3% agarose gel in the presence of SybrGreen I (Molecular Probes, Eugene, U.S.A.), and then quantified by reference to an Ultrapur genomic DNA series from E. coli strain B (Sigma, ref D4889).

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17 same (advantag$ or useful$)	0

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JPO Abstracts Database
EPO Abstracts Database
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IBM Technical Disclosure Bulletins

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Today's Date: 10/10/2001

DB Name	Query	Hit Count	Set Name
USPT	17 same (advantag$ or useful$)	0	L8
USPT	SybrGreen adj I	2	L7
USPT	SybrGreen1	0	L6
USPT	SybrGreenI	0	L5
USPT	11 same (SybrGreenI)	0	L4
USPT	11 same detect$ same (SybrGreenI)	0	L3
USPT	11 same detect$ same (SybrGreen near0 I)	0	L2
USPT	amplif$ same (nucleic or DNA or RNA or oligo$)	18748	L1

3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2001 ACS
AN 2001:32537 CAPLUS
TI Target sequence quantification of genome DNA and mRNA with a light cycler system
AU Takahashi, Setsuko; Matsukawa, Shigeru
CS Center for Experimental Equipment, Fukui Medical University, Japan
SO Seirigaku Gijutsu Kenkyukai Hokoku (2000), 22, 59-61
CODEN: SGKHEB; ISSN: 0285-3299
PB Okazaki Kokuritsu Kyodo Kenkyu Kiko, Seirigaku Kenkyusho Gijutsuka
DT Journal
LA Japanese
AB The Light Cycler System, a fast PCR amplification and anal. system, completes 30 PCR cycles within just 30 min. It can det. the amt. of target sequences in starting materials by real time measuring of DNA-**SYBRGreen I** fluorescence in the PCR log-linear phase.
This report shows the optimization of exptl. procedures for quantification
of c-myc proto-oncogene DNA present and c-myc mRNA expressing in HL60 and K562 h